

INTRODUCTION

KLEENTEK: Kleentek Filter (“KF Series”) is a standard filtration system by KLEENTEK Corporation., Japan used for the removal of the oil oxidation product, varnish, and other insoluble solid contaminant from hydraulic lubrication system, where the fluid of concern is not suitable to be charged by electrostatic charged principle.

PRODUCT DESCRIPTION

KLEENTEK: Kleentek Filter (“KF series”) is a latest variant of filtration system from KLEENTEK Corporation, Japan that remove vanish, oil oxidation product and insoluble solid contaminant from lubricant, hydraulic fluid where electrostatic principle cannot be applied, due to the conductivity nature of the fluid.

PRODUCT HIGHLIGHTS

The primary advantage of this range of product over the KLEENTEK: Kleentek Filter (“KF Series”) is that this product can be applied in application where electrostatic charged principle cannot be used due to the conductivity nature of the fluid.

PRODUCT FEATURE

The product feature of KLEENTEK: Kleentek Filter (KF Series) is as follow:

1. **System that is heavily contamination with water** – this product is suitable for removal of water contamination that has been heavily contaminated with water, where water contamination is >2,000ppm.
2. **Remove contaminant via filtration principle** – remove solid and insoluble contaminant in fluid that are not suitable for use in application where electrostatic charged principle cannot be applied.
3. **Pressure Gauge** – indicator used to indicate the projected lifespan of the dehydration element.
4. **KLEENTEK’s patented pump flow rate** – patented designed flow ensuring that the primary issue of spark discharges is eliminated and mitigated.

PRODUCT APPLICATION

KLEENTEK: KLEENTEK Filter (“KF Series”) is used in system where the hydraulic fluid/lubricant of concern has been heavily contaminant with very high level of water contamination where electrostatic-charged principle cannot be applied to the fluid due to the conductivity nature of the fluid.

KLEENTEK: Kleentek Filter (“KF Series”) is applied in application such as mineral oil, water glycerol, fatty acid ester and phosphate ester fluid.

ASSOCIATE CONSUMABLE

The associate consumable for this range of products are as follows:

- **K-50, Filter** – ability to remove contaminant up to 3µm (micron) in sized
- **F-50, Filter** – ability to remove contaminant up to 17.5µm (micron) in sized
- **EX-50, Filter** – abilities to remove contaminant up to 30 µm (micron) in sized

Please consult your local/regional representative on the correct selection of filter. For more details and information on the exact specification of the associate consumable, please visit <https://www.focusmachinery.com.sg/consumable>.

For more information on the usage and application of KLEENTEK: KLEENTEK Filter (“KF Series”) Unit, please visit: <https://www.focusmachinery.com.sg/kf-series>.

SHIPMENT SPECIFICATION:

Harmonized System (HS) Code: 8421 23 0005

TECHNICAL SPECIFICATION

The technical specification of the KLEENTEK: Kleentek Filter (“KF Series”) is as follows:

<u>Item</u>	<u>Dim</u>	<u>Weight</u>	<u>Power</u>	<u>Lead Time (Weeks)</u>
KF-8	535 x 375 x 940	62	240	14
KF-16	810 x 375 x 980	87	240	14
KF-32	... x ... x ...	157	240	14

PHOTO OF EQUIPMENT



TECHNICAL LIMITATION

For this KLEENTEK’s technology to work effectively, the level of water contamination in the system must be < 500 parts per million (“ppm”), order to prevent the electric field formed by the high-voltage transformer from tripping.

Focus Machinery, Singapore reserved the rights to change without notice and notification. Copyright 2024 by Focus Machinery, Singapore.